

Product datasheet

Recombinant Human Cathepsin S protein ab152085

Description

Product name	Recombinant Human Cathepsin S protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	P25774	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	QLHKDPTLDHHWHLWKKTYGKQYKEKNEEAVRRLWEKN LKFVMLHNLEH SMGMHSYDLGMNHLGDMTSEEVMMLMSSLRVPSQWQR NITYKSNPNWILP DSVDWREKGCVTEVKYQGSCGACWAFSAVGALEAQLK LKTGKLVLSAQN LVDCSTEKYGNKGCNGGFMTTAFQYIIDNKGIDSDASYPYK AMDQKCQYD SKYRAATCSKYTELPGREDVLKEAVANKGPVSVGVDAR HPSFFLYRSGV YYEPSCTQNVNHGVLVVGYGDLNGKEYWLKNSWGHNF GEEGYIRMARNK GNHCGIASFPSYPEIVDHHHHHH	
Predicted molecular weight	37 kDa including tags	
Amino acids	17 to 331	
Tags	His tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152085** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	HPLC

Form Liquid

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 5.50
Constituents: 0.39% MES, 10% Glycerol, 0.88% Sodium chloride

General Info

Function Thiol protease. Key protease responsible for the removal of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N.

Sequence similarities Belongs to the peptidase C1 family.

Cellular localization Lysosome.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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